

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	2	US-5784957-\$.DID. OR US-6065402-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 21:28
L11	3670	(101/467,401.1,487).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/09 21:29
L12	879	(chill cool\$3 heat near1 (transfer\$4 exchang\$3)) near4 ((imag\$3 exposure exposing) near1 (drum roll cylinder unit device apparatus) or (exposer imager))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 21:35
L13	2	11 and 12	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 21:31
L14	177	(chill cool\$3 heat near1 (transfer\$4 exchang\$3)) near4 ((imag\$3 exposure exposing) near1 (drum roll cylinder unit device apparatus) or (exposer imager)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 21:36
L15	88	(chill cool\$3 heat near1 (transfer\$4 exchang\$3)) near4 ((imag\$3 exposure exposing) near1 (drum roll cylinder unit device apparatus) or (exposer imager)).clm.	USPAT	OR	ON	2007/10/09 21:36
L16	40146	(print\$3) near1 (plate form forme)	USPAT	OR	ON	2007/10/09 21:36
L17	40146	(print\$3) near1 (plate form forme)15 and 16	USPAT	OR	ON	2007/10/09 21:36
L18	3	15 and 16	USPAT	OR	ON	2007/10/09 21:36

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	4	"10136747"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/09 20:42
L3	1	"19510797"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/09 20:43
L4	3	"733478"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/09 20:43
S1	643136	b41\$.ipc. b41\$.epc.	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 13:20
S2	29095	(cool\$3 chill\$3 temperature near1 (control controlling controlled controlling controled) near1 (liquid fluid)) near4 (drum clinder roll roller)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 13:21
S3	759	S1 and S2	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 13:22
S4	151866	(fin vane web near2 (heat\$3 cool\$3))	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 15:20
S5	95	S3 and S4	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 13:34
S6	5	"2004039588"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 13:55
S7	8	"1201249"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 13:35
S8	8	"1201429"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 13:35
S9	1	("4718178").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 13:36
S10	1	("4384666").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 13:36
S11	3	"59073952"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 13:56

## EAST Search History

S12	2	"63005944"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 14:04
S13	14	"2207636"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 14:08
S14	1	("4534289").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 13:58
S15	13	("2870546"   "2893136"   "3065552"   "3914875"   "4183298").PN. OR ("4534289").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 13:58
S16	21	("3888173"   "4183298"   "4290363"   "4534289"   "4570539"   "4964337"   "5046420"   "5074213"   "5189960"   "5272971"   "5309838"   "5406886"   "5517919"   "5595115"   "5694848"   "5823108").PN. OR ("6109177").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 13:58
S17	46	("1672036"   "2025046"   "2260364"   "2971460"   "2972298"   "2972301"   "2989917"   "3156101"   "3452967"   "4107944"   "4183298"   "4319462"   "4617864"   "4729424"   "4920881"). PN. OR ("5074213").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 14:01
S18	7	"1222213"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 14:20
S19	24	("0630727"   "0695041"   "1672036"   "3064563"   "3425488"   "3473603"   "3704669"   "4093023"   "4351386"   "4440214"   "4501955").PN. OR ("4617864").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 14:06
S20	3	"733478"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 14:09
S21	2	"19712446"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 14:10
S22	15	("1453113"   "1837562"   "2015747"   "2783977"   "2793006").PN. OR ("4351386").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 14:15
S23	2	US-5784957-\$.DID. OR US-6065402-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 14:15
S24	22	("2300528"   "2365678"   "2915293"   "3006610"   "3208513"   "3291264"   "4230928"   "4351386"   "4440214"   "4506727"   "4582128"   "4796525"). PN. OR ("4913224").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 14:18

## EAST Search History

S25	10	"8402573"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 14:21
S26	1	wo-8402573-\$.did.	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 15:12
S27	34	(calender or heat near1 (Transfer\$4) adj (drum roll roller cylinder)) and (fin spoke vane)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 21:06
S28	46	(heat near1 (exchang\$4) adj (drum roll roller cylinder)) and (fin spoke vane)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 15:19
S29	159393	"101"/\$.ccls. "118"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 15:20
S30	20545	calender	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 15:20
S31	676	S29 and S30	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 15:20
S32	358636	(fin vane web near2 (heat\$3 cool\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 15:20
S33	110	S31 and S32	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 15:21
S34	15625	(pipe tube conduit) near2 (vane fin spoke)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 15:22
S35	0	S31 and S34	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 15:21
S36	52511	(pipe tube conduit) with (vane fin spoke)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 15:22
S37	2	S31 and S36	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 15:22
S38	1593	(118/69,60).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 15:23
S39	72	S38 and (vane fin spoke)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 20:16

## EAST Search History

S40	1	11/182780	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 20:32
S41	546	(first preceding) near1 sheet with (second following subsequent next) near1 sheet with (standby held pause waits waiting)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 20:32
S42	514	(399/407-410).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 20:33
S43	0	("002and3").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 20:33
S44	21	S41 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 20:35
S45	80	b65h\$.ipc. and (finisher stapler puncher binder) with convey\$3 near1 (path)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 20:36
S46	34	b65h\$.ipc. and (finisher stapler puncher binder) with convey\$3 near1 (path)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 20:38
S47	402838	g03g015/\$.ipc. g03g021/\$.ipc. b65h029/\$.ipc. b65h031/\$.ipc.	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 20:38
S48	93	(first preceding) near1 sheet with (second following subsequent next) near1 sheet with (standby held pause waits waiting)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 20:39
S49	23	S47 and S48	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 21:03
S50	3510	calender.ti.	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 21:03
S51	4	S50 and (vane fin spoke)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/03 21:04
S52	807	calender.ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 21:04
S53	926	(calender or heat near1 (Transfer\$4) adj (drum roll roller cylinder)) and (fin spoke vane)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 21:07
S54	444678	("101"/\$.ccls. "399"/\$.ccls. "347"/\$. ccls. "118"/\$.ccls. "156"/\$.ccls. "430"/\$.ccls. "162".ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 21:21

## EAST Search History

S55	91235	(heat) near1 (transfer\$4 exchang\$3) near1 (roll roller drum cylinder) (cool\$3 chill\$3 calender heat\$3) near1 (roll roller drum cylinder)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 21:24
S56	802948	(fin vane spoke rib heat adj sink)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 21:22
S57	12014	S55 and S56	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 21:23
S58	4212	(heat) near1 (transfer\$4 exchang\$3) near1 (roll roller drum cylinder) (cool\$3 chill\$3 calender heat\$3) near1 (roll roller drum cylinder) with (fin vane spoke rib heat adj sink)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 21:23
S59	810	S54 and S58	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 21:24
S60	376573	(heat near1 (transfer\$4 exchang\$3) cool\$3 chill\$3 calender heat\$3) near4 (fluid liquid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/03 21:25
S61	444985	("101"/\$.ccls. "399"/\$.ccls. "347"/\$. ccls. "118"/\$.ccls. "156"/\$.ccls. "430"/\$.ccls. "162".ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 07:33
S62	4216	(heat) near1 (transfer\$4 exchang\$3) near1 (roll roller drum cylinder) (cool\$3 chill\$3 calender heat\$3) near1 (roll roller drum cylinder) with (fin vane spoke rib heat adj sink)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 07:32
S63	811	S61 and S62	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 07:32
S64	376944	(heat near1 (transfer\$4 exchang\$3) cool\$3 chill\$3 calender heat\$3) near4 (fluid liquid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 07:32
S65	182	S63 and S64	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 07:32
S66	1446	(206/389,395,413,414,415,416.).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/04 07:35
S67	16	("3209988"   "3322931"   "3612824"   "3805020"   "3943329"   "3981314"   "4198557"   "4198558"   "4659206"   "5445700"   "5614933").PN. OR ("6713728").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 09:05

## EAST Search History

S68	0	(plate) near1 (imaging imager exposers exposing) same (roll roller drum cylinder) near3 (fluid liquid) near2 (heat near1 (transfer\$4 exchange\$3) chill\$3 cool\$3 heat\$3 temperature near1 (control controller controlling controlling controlled controlled))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 09:13
S69	14	(plate) near1 (imaging imager exposers exposing) and (roll roller drum cylinder) near3 (fluid liquid) same (heat near1 (transfer\$4 exchange\$3) chill\$3 cool\$3 heat\$3 temperature near1 (control controller controlling controlling controlled controlled))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 09:15
S70	0	("2004/0168602").URPN.	USPAT	OR	ON	2007/10/04 09:14
S71	39	(plate) near3 (imaging imager exposers exposing) and (roll roller drum cylinder) near3 (fluid liquid) same (heat near1 (transfer\$4 exchange\$3) chill\$3 cool\$3 heat\$3 temperature near1 (control controller controlling controlling controlled controlled))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 09:17
S72	25	S71 not S69	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 09:16
S73	3	(plate forme form master) near3 (imaging imager exposers exposing) and (roll roller drum cylinder) near3 (fluid liquid) same (heat near1 (transfer\$4 exchange\$3) chill\$3 cool\$3 heat\$3 temperature near1 (control controller controlling controlling controlled controlled))	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 09:18
S74	39	(g03f007/\$.ipc. b41n003/\$.ipc. b41c001/\$.ipc.) and (roll roller drum cylinder) near3 (fluid liquid) same (heat near1 (transfer\$4 exchange\$3) chill\$3 cool\$3 heat\$3 temperature near1 (control controller controlling controlling controlled controlled))	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 09:29
S75	2	("3146709").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/04 13:16
S76	1	("5,503,382").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/04 13:20
S77	1	"05053477"	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 13:30

## EAST Search History

S78	1	("6,412,992").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/04 13:50
S79	824	b41j002/315.ipc. b41j002/315.epc. b41j002/32.ipc. b41j002/32.epc.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 13:55
S80	23570	tension\$3 near1 (roll roller)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 13:56
S81	1	10/483065	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 13:55
S82	32	S79 and S80	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 13:55
S83	10432	b41j002/315.ipc. b41j002/315.epc. b41j002/32.ipc. b41j002/32.epc.	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 13:55
S84	9214	tension\$3 near1 (roll roller)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/09 20:41
S85	17	S83 and S84	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 14:00
S86	2	mogi-\$.in. and colilla	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/04 14:10
S88	692584	color	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 14:11
S89	665200	revers\$3 opposite near1 direction backward rewind\$3	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 14:16
S90	228	S83 and S88 and S89	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 14:16
S91	2	S84 and S90	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 14:17
S92	11	tension\$3 and S90	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 14:20
S93	1	("5172989").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/04 15:17



## EAST Search History

S94	1	("6,402,133").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/04 15:21
S95	6178	b65h085/\$.ipc. b65h085/\$.epc. b65h015/\$.ipc. b65h015/\$.epc.	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:21
S96	5646	(speed velocity rate) near2 (enter\$3 entrance ingress input\$4) and (speed velocity rate) near2 (exit\$3 egress outlet output\$4 exhaust\$3)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:22
S97	0	S95 and S96	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:22
S98	2160388	(speed velocity rate)	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:22
S99	788	S95 and S98	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:23
S10 0	339047	faster slower buffer	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:23
S10 1	48	S99 and S100	FPRS; EPO; JPO; DERWENT	OR	ON	2007/10/04 15:30
S10 2	1	("5,629,762").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/04 20:47
S10 3	2	US-5784957-\$.DID. OR US-6065402-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 16:37
S10 4	32	external adj drum adj exposer	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 16:39
S10 5	10	drum adj (imager imaging exposer exposing) with (cool\$3 chill\$3 heat near1 (transfer\$3 exchange\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 16:42
S10 6	11	("20020023557" "20020112636" "395 6986" "4920881" "5272971" "5748225 " "5784957" "5813334" "5978010" "61 01944" "6640705").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/09 16:44